



# United States Department of the Interior

OFFICE OF THE SECRETARY  
Office of Environmental Policy and Compliance  
1849 C Street, NW – MS 2342-MIB  
Washington, D.C. 20240



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PEP/NRM

## ELECTRONIC MAIL MEMO

September 6, 2006

To: Assistant Secretary, Indian Affairs\*  
Director, Fish and Wildlife Service  
Director, National Park Service  
Director, Minerals Management Service  
Director, Geological Survey  
Director, Bureau of Land Management  
Commissioner, Bureau of Reclamation  
Director, Office of Surface Mining

From: Team Leader, Natural Resources Management  
Office of Environmental Policy and Compliance {Lead}

Subject: Review of a Survey to Determine Wavelengths (electro-smog; low frequency  
electro-magnetic fields, radio-waves, microwaves, non-ionizing radiation)  
Responses and how they affect the environment, wildlife, and our lives  
(**ER 06/881**) (Agency due date: **October 16, 2006**)

The Wave Analysis Verification Research (WAVR) has requested the Department to responses to the attached Survey.

Please review the Survey from your particular jurisdiction or special expertise and provide your comments to this Office by **October 2, 2006**. This Office will prepare Department's response for signature by the Director, OEPC by **October 9, 2006**.

Please supply all signed paper comments and comments on disk or by electronic mail to this office.

/s/9/6/06  
Vijai N. Rai

cc: Assistant Secretaries  
All REOs

OEPC-Staff Contact: Shawn Alam, 202-208-5465; [shawn\\_alam@ios.doi.gov](mailto:shawn_alam@ios.doi.gov)  
\*Hard copy distributed by regular mail.

**DEPARTMENT OF THE INTERIOR**

**TASKING PROFILE**

**ACCN #:** 351181      **Status:** O      **Fiscal Year:** 2006  
**Document Date** 07/21/2006      **Received Date** 07/28/2006      **Due Date** ~~09/09/2006~~      **Action Office** PMB      **Signature Level** DR      **Doc Source** PM

**Addressee:** Dirk Kempthorne

**From:** Schou, Diane  
Ph.D., Board Member  
Wave Analysis & Verification Research  
P.O. Box 249  
Cedar Falls  
IA 50613

**Subject Text:** Writer is doing an analyses of wavelengths and verification research on wave sources and is evaluating waves in many environments to determine wave responses, how they affect the environment, the wildlife, and our lives. Writer is requesting a response to the survey.

**Required Surnames:**

**Mail Carrier:** PM      **Mail Track#:** Route to PEP

**Cross Reference:**

**Copies To:** SIO-Exsec; FWS; PMB

**Status Tracking:** 08/31/2006 09:29:42 AM - Gwendolyn S McFadden : Gwen Wilder requested another copy, which was printed out and given to her

**Correspondence Specialist:**  
GMcfadden

**Corresp. Specialist Phone:**  
208-4451

**Closed Comments:**

**Signed:**

AUG 3 2006

July 21, 2006

WAVR Wave Analysis Verification Research  
PO Box 249 Cedar Falls, IA 50613 USA  
20060712-study@wavr.org

Gentlemen and Ladies,

An increasing number of people worldwide are suffering by overexposure to the electro-smog of non-ionizing radiation<sup>1</sup>. This is an injury that takes many forms (as does sensitivity to chemicals in the environment) and is recognized by a history of exposure response relationship. Since the advent of cell phones and the transmission of their signals, the problem has increased significantly and seriously. New federal policies promoting transmission lines will add to the problem.

WAVR is a nonprofit organization, formed to assist persons in dealing with the effects of this illness by doing analyses of wavelengths and verification research on wave sources. Our goal is to evaluate waves in many environments and to determine wave responses, how they affect the environment, the wildlife, and our lives.

Your responses to this survey will be greatly appreciated.

1. Your agency deals with (circle): Environment, Wildlife, Human Health, Education, Transportation, Energy, Technology, Economics, Industry, Politics, others: \_\_\_\_\_
2. Of non-ionizing issues:
  - a. Do you keep a log of calls regarding electro-smog, electro-magnetic sensitivity, radiation sensitivity, non-ionizing radiation sensitivity, health effects, changes in human behavior, changes in animal behavior, changes in plant behavior, claims of injury to humans, claims of injury to animals, claims of injury to plants? No \_\_\_\_\_ or Yes \_\_\_\_\_
  - b. In July 2006, how many were inquiries? \_\_\_\_\_ complaints? \_\_\_\_\_
  - c. How many inquiries / complaints about non-ionizing radiation affecting people were received by your agency in each of the following years?
 

2006 _____	2001 _____	1985-1989 _____
2005 _____	2000 _____	earlier _____
2004 _____	1995-1999 _____	all years _____
2002 _____	1990-1994 _____	none at all _____
  - d. What are the complaint symptoms and how often (occasional=3 many=5) reported? example: face rash 5, dead birds around cell tower 3 (continue on back)

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<sup>1</sup> This suffering has been associated with what has been called "electro-smog", low frequency electro-magnetic fields, radio-waves, microwaves, non-ionizing radiation.

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3. Would you classify your agency's breadth of responsibility to be determined by another group like a legislature? Yes or No (circle)  
a. Please cite your agency's enabling legislation: \_\_\_\_\_
4. What areas pertaining to electro-smog including people, environment and animals  
a. can your agency investigate?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
b. can your agency help or take action? How?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
c. What expectations do people express but for which your agency does not have responsibility nor oversight to fulfill? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
d. Have you referred those complaints or those reporting electro-smog effects or electro-magnetic radiation to any resource references? Yes or No (circle)  
\_\_\_\_\_  
\_\_\_\_\_  
i. What agencies do you suggest people to contact?  
\_\_\_\_\_  
\_\_\_\_\_  
e. Have you been forbidden to go into any areas? No or Yes (which ones? why?)  
\_\_\_\_\_  
\_\_\_\_\_  
f. Do you distribute any references from your offices? Yes\_\_\_ No\_\_\_ Please forward any references electronically or to the address above.  
g. If someone who had electro-smog sensitivity/injury approached your agency for help or became sensitive working in your agency, do you have medical doctors to whom you could send them and who would know about triggering sources and symptoms? Yes\_\_\_ No\_\_\_ Please provide contact information electronically or by mail to the address above.  
h. How many people work in your agency? \_\_\_\_\_  
How many of these people are sensitive to electro-smog? \_\_\_\_\_  
How many people had to leave or be transferred because they became disabled from electro-smog? \_\_\_\_\_
5. Does your agency have physicists or other scientific staff who are familiar with electromagnetic fields? Yes\_\_\_ No\_\_\_ Please provide contact information electronically or by mail to the address above.
6. In what situations does your agency abide by or recommend the "Precautionary Principle?" Please provide examples.  
\_\_\_\_\_  
\_\_\_\_\_

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7. In each set, circle how *decisions* were determined in 2005:

Economics / wildlife / not applicable

Economics / health of one person / not applicable

Economics / health of 3% of human population / not applicable

Wildlife / health of 3% human population / not applicable

Wildlife / technology (e.g. cellular/wireless communication) / not applicable

Health of one person / technology (e.g. cellular/wireless communication) / not applicable

Technology / health of 3% human population / not applicable

Power lines / wildlife / not applicable

Power lines / health of one person / not applicable

Power lines / health of 3% human population / not applicable

Technology / environment / not applicable

Economics / environment / not applicable

8. Are you aware of any internet archives regarding EMF and/or electro-smog?

Please provide list of internet sources of which you are aware.

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a. How many times have you observed the following sources of information on electro-magnetic radiation (never = 0/blank occasional = 3 many = 5):

	<i>human health effects</i>	<i>environ- ment</i>	<i>plants</i>	<i>wildlife</i>	<i>farm/domestic animals</i>
Radio or TV program	_____	_____	_____	_____	_____
Popular article in magazine	_____	_____	_____	_____	_____
Scientific or authoritative source	_____	_____	_____	_____	_____
Conferences / meetings	_____	_____	_____	_____	_____
Other (please specify)	_____	_____	_____	_____	_____

9. If you could imagine *yourself* becoming sensitive to electromagnetic waves or chemicals

a. What would be your first method of dealing with this?

b. What would you do if your doctor prescribed only painkillers?

c. If you chose avoidance for electro-smog or other trigger sources what would be the steps you might follow?

d. Some publications and sources for relief sell pendants, oils, bracelets, etc. that purport to help. Do you have knowledge of any that work?

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- e. In your agency, how many offices utilize:
  - i. Fluorescent and energy saving lights \_\_\_\_\_
  - ii. Incandescent lights \_\_\_\_\_
  - iii. Both fluorescent and incandescent lights \_\_\_\_\_

10. If you had complaints about electro-smog and was unable to help, why?

- \_\_\_\_\_
- a. Why have electro-smog sufferers been unable to get help<sup>2</sup>?
- \_\_\_\_\_

11. Other

- a. Comments or observations you might add regarding your agency's commitment to addressing electro-smog:
- \_\_\_\_\_

b. Help for you:

- i. What information could WAVR provide you to help you assist sufferers of electro-smog?
- \_\_\_\_\_

- ii. What could WAVR *do* to help you assist those who are injured by electro-smog?
- \_\_\_\_\_

c. Ideas or suggestions for WAVR?

\_\_\_\_\_

Thank you in advance for your responses to these questions. Please indicate if you would like a summary of surveys returned: (address) \_\_\_\_\_

\_\_\_\_\_

(electronic contact) \_\_\_\_\_

<sup>2</sup> The World Health Organization: "Health is a state of complete physical, mental and social well-being and not merely the **absence of disease or infirmity**. The enjoyment of the highest attainable standard of health is one of the fundamental rights of every human being without distinction of race, religion, political belief, economic or social condition. . **The objective of the World Health Organization shall be the attainment by all peoples of the highest possible level of health**".